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CANON U.S.A. INC. INTELLECTUAL PROPERTY DIVISION
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EXAMINER

SARPONG, AKWASI

ART UNIT	PAPER NUMBER
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2625

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08/13/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/826,806	Applicant(s) UCHIKAWA, SHINICHI	
	Examiner AKWASI M. SARPONG	Art Unit 2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2009.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 and 8-10 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 and 8-10 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 15 April 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>08/22/2008, 04/14/2008, 09/02/2004 and</u> | 6) <input type="checkbox"/> Other: _____ |
| <u>04/15/2004.</u> | |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

1. Claims 1-6 and 8-10 are rejected under 35 U.S.C. 103(a) as being unpatentable over Matsueda (2002/0186400) in view of Mansfield (5014192)

Claim 1, Matsueda discloses a printing apparatus (**Fig. 1 El. 13 shows clearly printer 13**) that processes a print job (**Section 0028, Lines 1-10-thus the print job created forms the print queue**), the printing apparatus comprising:

a receiving unit (**Fig. 2 El. 226 or deletion event reception**) configured to receive, from an information processing system (**Fig. 2, Client 201- the user uses client 201 to issue a cancellation command**) a request for canceling the print job received by the printing apparatus (**Section 0053, Lines 1-12- thus the generated event by the includes a job cancellation event or command to cancel a print job**).

and a notification destination indicating that the print job received by the printing apparatus has been canceled, (**Fig. 5 shows clearly that the entered print job has been deleted or cancelled "delete completed"**) the notification destination being received by the receiving unit and being set by the printing apparatus when the print job is received; (**Section 0062-thus after the print job has been deleted from management table a status "deleted" meaning that the print job has been**

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cancelled, Fig. 5 clearly shows information indicating which print job is deleted or being deleted).

a determining unit (**deletion control unit-CPU 221-Section 0009**) configured to determine whether the print job specified in the request for canceling the print job received by the receiving unit still exists in the printing apparatus in a case where the request for cancelling the print job is received by the receiving unit. (**Section 0009, thus the deletion control unit makes the determination depending on the status of the job, whether the print job designed to be deleted or cancelled can be deleted**).

NB: Understand that if the job exists in the print queue the status will be entered and if the print job does not exist or about to be printed then the status will be unentered which means that the print job which is a file is not entered yet.

a responding unit (**Fig. 2 EI. 202, thus the 226 reception unit in the server sends a response of reception of the print job cancellation**) configured to transmit response information, indicating that the request for canceling the print job has been received to the information processing system (**Section 0081, lines 11-15, Fig. 8 EI 86, thus at this point the cancel command has been received or the request for job cancellation is received**) before cancellation of the print job specified in the request is completed in a case where the determining unit determines that the print job specified in the request still exists in the printing apparatus (**Section 0081, lines 11-15,**

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Fig. 8 85- thus if the determining unit , determines that the print job is entered or still exist then the status “entered” is send as a response to the client 201) a transmitting unit (Fig. 2 El. 231 or printer 231- thus after the print job has been deleted a response in the form of a status is sent back to the client) configured to transmit information, (the information is send in the form of a status) that the print job has been canceled to the information processing system, the print job has been canceled in accordance with the request for canceling the print job received by the receiving unit, (Section 0083, Fig.7, thus when the print job is eventually deleted the status of the print job is changed to “deleted”).

NB: Understand that the response information is send in the form of a table notification as clearly shown in Fig. 5 and as a new information is sent out by the printer it gets updated on the table as it is describe in Sections 0061-0063.

Matsueda does not discloses transmitting error response information to the information processing system in a case where the determining unit determines that the print job specified in the request does not exist in the printing apparatus, as a response to the request for cancelling the print job received by receiving unit.

Mansfield discloses transmitting error response information to the information processing system in a case where the determining unit determines that the print job specified in the request does not exist in the printing apparatus, as a response to the

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request for cancelling the print job received by receiving unit. **(Appendix B Lines. 117-124. Thus if the file or the print job searched for cannot be found then an error message is returned to the user saying that "file not found" or "print job not found")**. Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Matsueda's deletion control unit-CPU 221 to include the capability to sent an error message back to the user if the file or the print job can not be found within the directory so that the user will be aware of the status of the print job. The motivation for doing this is that the user is aware of the status of the print job or the file.

NB: Understand that the print job at this point is also a file because the print job request is converted into file.

Claim 2, Matsueda in view of Mansfield discloses printing apparatus further comprising:

a retrieving unit **(Matsueda: Fig. 2 El. 224- thus the communication unit 240 acquires the print job specified to be deleted)** configured to retrieve the print job corresponding to a job identifier specified in the request for canceling the print job that has been submitted in accordance with the request for canceling the print job received by the receiving unit, **(Matsueda: Section 0090, Fig. 7 El. S74, thus the system ID of the print job represents the print job and therefore when the system ID is acquired then the print job is also acquired or retrieved)** wherein the responding unit transmits either response information to the information processing system if the corresponding print job is retrieved by the retrieving unit, **(Matsueda: Section 0081,**

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lines 9-15- thus if it is determined that the print job exists in the job management area then a message in the form of a status as “already entered” is sent to the user in the form of a table as clearly shown in Fig. 5) or the error response information to the information processing system if the corresponding print job is not retrieved by the retrieving unit (Matsueda: Section 0082, lines 1-7, Fig. 8, El. S89, when the status or the message sent out is unentered that means that the print job does not exist and therefore sending the response or message “unentered” means or the same as sending an error message to the user).

Claim 3, Matsueda in view of Mansfield discloses a printing apparatus which further comprises:

an acquiring unit **(Matsueda: Fig. 2 El. 227- thus the job listing unit acquires the print job system ID) configured to acquire second identification (Matsueda: Section 0066-System ID identifies a print job which is under consideration as clearly shown in Fig. 5) information of the print job corresponding to first identification information (Matsueda: Fig. 5-Job handle is also another identification which corresponds to a specific print job) specified in the request for canceling the print job received by the receiving unit, (the second identification information being associated with the print job in order for the printing apparatus to manage the print job (Matsueda: Section 0062, Fig. 5, thus a specified job handle ID and system ID corresponds a particular print job as it is clearly shown in fig. 5 hence 0x0000001 and**

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0xc9000001 corresponds to one particular print job); and a canceling unit for canceling the print job based on the second identification information acquired by the acquiring unit **(Matsueda: Section 0063 and 0064-thus when the print job's status is set as "being deleted" that means that the specified print job is actually been deleted from the print system).**

Claim 4, Matsueda in view of Mansfield discloses a printing apparatus, which further comprises:

a request receiving unit **(Matsueda: Fig. 2 El. 226- thus the job cancellation request is received by event reception unit 226 in Fig. 2)** configured to receive a request for the print job from the information processing system **(Matsueda: Sections 0053-thus the events received can include a request for a job cancellation)**

an identification-information transmitting unit **(Matsueda: Fig. 2 El.12-1)** configured to transmit the first identification information **(Matsueda: Job handle ID)** corresponding to the print job to the information processing system in accordance with the request received by the request receiving unit; **(Matsueda: Section 0049-0051-thus the job handle ID corresponds to a print job in which a cancellation has been issued).** and

a print-data receiving unit **(Matsueda: Fig. 2 El. 226)** configured to receive print data corresponding to the print job from the information processing system after the first identification information has been transmitted by the identification-information

transmitting unit (**Matsueda: Section 0050 and 0051-thus the job listing unit stores the print jobs which has be transmitted from Client 201).**

Claim 5, Matsueda in view of Mansfield discloses a printing apparatus wherein the transmitting unit transmits the information that the print job has been canceled to the information processing system after the print job has been canceled by the canceling unit (**Matsueda: Sections 0045 and 0046- thus the server communication unit transmits both the print job and the handle and system ID to the server where the print job is deleted or cancelled).**

Claim 6, Matsueda discloses a method of canceling a print job in a printing apparatus the method comprising:

receiving from an information processing system, (**Fig. 1 El. 11 or user application**) a request for canceling the print job received by the printing apparatus; (**Section 0053, Lines 1-12- thus the generated events by the user application includes a job cancellation event or command to cancel a print job**) and a notification destination indicating that the print job received by the printing apparatus has been canceled, (**Fig. 5 shows clearly that the entered print job has been deleted or cancelled "delete completed"**) the notification destination being received by the receiving unit and being set by the printing apparatus when the print job is received; (**Section 0062-thus after the print job has been deleted from management table a status "deleted" meaning that the print job has been**

cancelled, Fig. 5 clearly shows information indicating which print job is deleted or being deleted).

determining whether the print job specified in the received request for cancelling the print job still exists in the printing apparatus, **(Fig. 5 shows clearly that the print job 0x00000000 is entered and therefore it has been received)** in a case where the request for cancelling the print job is received. **(Section 0009, thus the deletion control unit makes the determination depending on the status of the job, whether the print job designed to be deleted or cancelled can be deleted).**

NB: Understand that if the job exists in the print queue the status will be entered and if the print job does not exist then the status will be unentered which means that there is an error.

transmitting response information indicating that the request for canceling the print job has been received to the information processing system as a response to the request for canceling the print job **(Section 0081, lines 11-15, Fig. 8 E1 86, thus at this point the cancel command has been received or the request for job cancellation is received)** before cancellation of the print job specified in the request is completed in a case where it is determined that the print job specified in the request still exists in the printing apparatus **(Section 0081, lines 11-15, Fig. 8 85- thus if the determining unit , determines that the print job is entered or still exist then the status “entered” is send as a response to the client 201) and**

NB: Understand that the response information is send in the form of a table notification as clearly shown in Fig. 5 and as a new information is sent out by the printer it gets updated on the table as it is describe in Sections 0061-0063.

transmitting the information indicating that the received print job has been canceled to the received notification destination, **(Section 0053, lines 11-14, thus when the client printing system receives the updated event the management table 1201 changes the status change accordingly)** after the print job has been canceled in accordance with the received request for canceling the print job. **(Thus Fig. 5 shows clearly that the status has changed and the table has been updated as well).**

Matsueda does not discloses transmitting error response information to the information processing system in a case where the determining unit determines that the print job specified in the request does not exist in the printing apparatus, as a response to the request for cancelling the print job received by receiving unit.

Mansfield discloses transmitting error response information to the information processing system in a case where the determining unit determines that the print job specified in the request does not exist in the printing apparatus, as a response to the request for cancelling the print job received by receiving unit. **(Appendix B Lines. 117-124. Thus if the file or the print job searched for cannot be found then an error message is returned to the user saying that "file not found" or "print job not**

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found”). Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Matsueda's deletion control unit-CPU 221 to include the capability to sent an error message back to the user if the file or the print job can not be found within the directory so that the user will be aware of the status of the print job. The motivation for doing this is that the user is aware of the status of the print job or the file.

NB: Understand that the print job at this point is also a file because the print job request is converted into file.

Claim 7,- (Cancelled)

Claim 8, Matsueda in view of Mansfield discloses a method which, further comprising: of retrieving the print job for which the request for canceling the print job has been submitted in accordance with the request for canceling the print job

(Matsueda: Section 0081-thus when the print job is retrievable then the job exist which will show as entered).

wherein the response information is transmitted to the information processing system **(Matsueda: client 201 and server 202)** if the corresponding print job is retrieved **(Matsueda: Sections 0081-0082 thus if the print job exist then it can be deleted and the status is updated as "already entered" on the other hand if the print job does not exist then the status (information) is updated as unentered which means that there is an error).**

and the error response information is transmitted to the information processing system if the corresponding print job is not retrieved (**Appendix B Lines 117-124**). Thus if the file or the print job is found to exist then there is no problem but if the file or the print job is found within the directory meaning the does not exist then an error message is returned to the user saying that "file not found" or "print job not found").

Claim 9, Matsueda in view of Mansfield discloses a canceling method, which further comprises:

acquiring second identification information (**Matsueda: system ID shown in Fig. 5 is a secondary identification corresponding to a specific print job**) of the print job corresponding to first identification information (**Matsueda: Job handle ID in Fig. 5**) specified in the request for canceling the print job, (**Matsueda: Section 0081-hence the user via the user application sends instruction to cancel a print job request**); the second identification information being associated with the print job in order for the printing apparatus to manage the print job and canceling the print job based on the acquired second identification information (**Matsueda: Section 0081- the system ID corresponds to a specific print job as it clearly shows in Fig. 5**).

Claim 10, Matsueda discloses a computer-readable medium that stores computer-executable program for canceling a print job in a printing apparatus, the computer-readable medium comprising:

a code to receive a request for canceling the print job from an information processing system (**Section 0081, thus a system ID is issued for the job cancellation**) and a notification destination indicating that the print job received by the printing apparatus has been canceled, (**Fig. 5 shows clearly that the entered print job has been deleted or cancelled "delete completed"**) the notification destination being received by the receiving unit and being set by the printing apparatus when the print job is received; (**Section 0062-thus after the print job has been deleted from management table a status "deleted" meaning that the print job has been cancelled, Fig. 5 clearly shows information indicating which print job is deleted or being deleted**).

a code to determine whether the print job specified in the received request for canceling the print job still exists in the printing apparatus, in a case there the request for canceling the print job is received (**Section 0009, thus the deletion control unit makes the decision whether or not the job can be deleted**).

a code to transmit response information indicating whether the request for canceling the print job has been received to the information processing system as a response to the request for canceling the print job (**Section 0081, lines 11-15, Fig. 8 E1 86, thus at this point the cancel command has been received or the request for job cancellation is received**) before cancellation of the print job specified in the request is completed in a case where it is determined that the print job can be canceled; and (**Section 0081, lines 11-15, Fig. 8 85- thus if the determining unit , determines**

that the print job is entered or still exist then the status “entered” is send as a response to the client 201 and Fig. 5 shows clearly the status of all job events sent being deleted or entered or about to be deleted)

a code to transmit the information indicating that the received print job has been canceled to the received notification destination, **(Section 0053, lines 11-14, thus when the client printing system receives the updated event the management table 1201 changes the status change accordingly)** after the print job has been canceled in accordance with the received request for canceling the print job. **(Thus Fig. 5 shows clearly that the status has changed and the table has been updated as well).**

Matsueda does not disclose a code to transmit error response information to the information processing system as a response to the request for canceling the print job in a case where it is determined that the print job cannot be canceled.

Mansfield discloses transmitting error response information to the information processing system in a case where the determining unit determines that the print job specified in the request does not exist in the printing apparatus, as a response to the request for cancelling the print job received by receiving unit. **(Appendix B Lines. 117-124. Thus if the file or the print job searched for cannot be found then an error message is returned to the user saying that "file not found" or “print job not found”).** Therefore it will be obvious to one ordinary skilled in the art at the time the invention was made to modify Matsueda’s deletion control unit-CPU 221 to include the

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capability to sent an error message back to the user if the file or the print job can not be found within the directory so that the user will be aware of the status of the print job. The motivation for doing this is that the user is aware of the status of the print job or the file.

NB: Understand that the print job at this point is also a file because the print job request is converted into file.

Response to the Remarks filled by applicant

The response filled by the applicant on 04/20/2009 has been considered but was not persuasive.

Regarding claim 1 applicant argues that the cited reference fails to teach or discloses and a notification destination indicating that the print job received by the printing apparatus has been canceled, the notification destination being received by the receiving unit and being set by the printing apparatus when the print job is received.

In reply, examiner respectively disagrees because Matsueda discloses clearly a notification destination indicating that the print job received by the printing apparatus has been canceled, **(Fig. 5 shows clearly that the entered print job has been deleted or cancelled “delete completed”)** the notification destination being received by the receiving unit and being set by the printing apparatus when the print job is received; **(Section 0062-thus after the print job has been deleted from management table a status "deleted" meaning that the print job has been**

cancelled, Fig. 5 clearly shows information indicating which print job is deleted or being deleted).

On the second note applicant argues that the office action and the reference fails to disclose that the notification destination is a specific destination of the event however the reference teaches a fixed destination.

Examiner disagree with this argument because the claim language does not state or talk about a specific or a fixed destination. In claims 1,6 and 10, the claim language clearly states that the destination notification indicates that the print job has been deleted and thus does not claim a specific and fixed destination.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AKWASI M. SARPONG whose telephone number is (571)270-3438. The examiner can normally be reached on Monday-Friday 8:00am-5:00pm est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, King Poon can be reached on 571-272-7440. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/King Y. Poon/
Supervisory Patent Examiner, Art Unit 2625

AMS
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